

Weekly Report 2015.06.08-2015.06.14

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Progress:

1. Review of infovis 2015 submission

Firstly, I read the review of my submission carefully. I think that the quality of writing makes reviewers hard to understand the work we have done. Reviewers stressed that the paper is not well written and there are too many typos and mistakes. The novelty of our work is weak. In introduction and related works, the contribution and the novelty aren't solid or mentioned.

Secondly, I'm rebuilding my project on my lab PC. It is almost done and currently I'm recalculating the data.

2. Visualization of large graph

Since the project is not started yet, I think it is better to learn scala and spark first.

Scala is quite different from other programming language I used before. It both supports oop and functional programming. I don't have experiences on functional programming, so it will takes more time to understand this language.

Currently I'm reading the book *Scala for the Impatient*, which is bought by Zhao Xin and I have finished reading the first two chapter of the book.

3. Big data

I talked with Hu Wanqi and asked him about the detail of the big data group. He sent me the materials of all group meetings and I have read most of them. The project is currently in exploration stage. Everybody is searching in different topics.

Plan:

1. Infovis 2015 submission

Make a plan to revise the paper and execute the plan.

2. Visualization of large graph

Learn Scala.

3. Big data

Prepare the ppt of which the topic is dimensionality reduction.

4. Group meeting

Prepare for the paper reporting.